OM nucleic - nucleic search, using sw model

Run on: July 12, 2003, 21:33:57 ; Search time 129 Seconds
(without alignments)
1101.625 Million cell updates/sec

Title: US-09-910-757-1
Perfect score: 90
Sequence: 1 gggagacggcggcggtggcg.....cggtgccccgcgcagggtcg 90

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1105431 seqs, 789497651 residues

Total number of hits satisfying chosen parameters: 2210862

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA:*
1: /cgn2_6/ptodata/1/pubpna/US07_NEW_PUB.seq:*
2: /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
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13: /cgn2_6/ptodata/1/pubpna/US60_NEW_PUB.seq:*
14: /cgn2_6/ptodata/1/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.		Score	% Query Match	Length	DB	ID	Description
1		90	100.0	90	9	US-09-910-757-1	Sequence 1, Appli
2		90	100.0	3354	10	US-09-794-975-10	Sequence 10, Appl
3		90	100.0	3579	9	US-10-217-584-6	Sequence 6, Appli
4		90	100.0	3641	9	US-10-198-846-13768	Sequence 13768, A
5		77	85.6	3435	12	US-10-044-090-219	Sequence 219, App
6		42.2	46.9	2520	9	US-10-175-523-116	Sequence 116, App
7		34.2	38.0	495	9	US-09-422-569-5	Sequence 5, Appli
8		34.2	38.0	1773	9	US-09-422-569-7	Sequence 7, Appli
9		34.2	38.0	5109	9	US-09-422-569-11	Sequence 11, Appl
c 10		30.4	33.8	1431	9	US-10-156-761-7327	Sequence 7327, Ap
c 11		30.4	33.8	9025608	9	US-10-156-761-1	Sequence 1, Appli
12		30.2	33.6	1347	9	US-10-156-761-6038	Sequence 6038, Ap
13		30.2	33.6	9025608	9	US-10-156-761-1	Sequence 1, Appli
c 14		30	33.3	2832	12	US-10-115-178-2	Sequence 2, Appli
c 15		29.8	33.1	2853	9	US-10-037-270-463	Sequence 463, App
c 16		29.6	32.9	1674	9	US-09-935-726-1	Sequence 1, Appli
c 17		29.6	32.9	1674	9	US-10-084-488-1	Sequence 1, Appli
c 18		29.6	32.9	1674	12	US-10-127-551-1	Sequence 1, Appli
c 19		29.6	32.9	1786	9	US-10-084-817-98	Sequence 98, Appl
c 20		29.6	32.9	1997	9	US-09-375-248-3	Sequence 3, Appli
c 21		29.6	32.9	1997	9	US-10-201-386-7	Sequence 7, Appli
c 22		29.6	32.9	1997	9	US-10-262-538-23	Sequence 23, Appl
c 23		29.6	32.9	1997	10	US-09-795-006A-21	Sequence 21, Appl
c 24		29.4	32.7	1290	9	US-10-156-761-393	Sequence 393, App
c 25		29.4	32.7	2043	9	US-10-156-761-4000	Sequence 4000, Ap
c 26		29.4	32.7	4252	9	US-10-114-893-197	Sequence 197, App
27		29.2	32.4	472	10	US-09-864-761-2440	Sequence 2440, Ap
c 28		29.2	32.4	1149	10	US-09-925-301-277	Sequence 277, App
29		29.2	32.4	1341	10	US-09-822-830A-388	Sequence 388, App
30		29.2	32.4	1408	10	US-09-764-864-646	Sequence 646, App
31		29.2	32.4	13029	10	US-09-815-242-4052	Sequence 4052, Ap
32		29	32.2	672	9	US-09-854-133-462	Sequence 462, App
33		29	32.2	672	9	US-10-144-649A-462	Sequence 462, App
34		29	32.2	672	10	US-09-738-973-462	Sequence 462, App
35		28.8	32.0	2514	10	US-09-939-484-3	Sequence 3, Appli
36		28.8	32.0	2514	10	US-09-939-483-3	Sequence 3, Appli
37		28.6	31.8	2997	9	US-10-156-761-7034	Sequence 7034, Ap
c 38		28.4	31.6	1317	9	US-10-156-761-5947	Sequence 5947, Ap
39		28.4	31.6	5774	9	US-10-239-676-194	Sequence 194, App
40		28.2	31.3	1185	9	US-10-156-761-6879	Sequence 6879, Ap
41		28.2	31.3	3783	9	US-10-156-761-3638	Sequence 3638, Ap
42		28	31.1	310	9	US-09-728-444-777	Sequence 777, App
c 43		28	31.1	738	9	US-10-156-761-3158	Sequence 3158, Ap
44		28	31.1	1813	10	US-09-794-975-8	Sequence 8, Appli
45		28	31.1	8331	10	US-09-794-975-12	Sequence 12, Appl

ALIGNMENTS

RESULT 1
US-09-910-757-1
; Sequence 1, Application US/09910757
; Publication No. US20030013867A1
; GENERAL INFORMATION:
; APPLICANT: Rogers, Jack
; TITLE OF INVENTION: The Translation Enhancer Element of the Human Amyloid Precurso
; TITLE OF INVENTION: Gene
; FILE REFERENCE: 7570/73233
; CURRENT APPLICATION NUMBER: US/09/910,757
; CURRENT FILING DATE: 2001-07-24
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 90
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-910-757-1

Query Match 100.0%; Score 90; DB 9; Length 90;
Best Local Similarity 100.0%; Pred. No. 3.7e-18;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 60

Qy         61 GCAGCGCACTCGGTGCCCCGCGCAGGGTCG 90
              ||||||||||||||||||||||||||||||
Db         61 GCAGCGCACTCGGTGCCCCGCGCAGGGTCG 90
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RESULT 2
US-09-794-975-10
; Sequence 10, Application US/09794975
; Patent No. US20010034884A1
; GENERAL INFORMATION:
; APPLICANT: PERAUS, Gisela
; TITLE OF INVENTION: A-BETA PEPTIDE SCREENING ASSAY
; FILE REFERENCE: 514429-3785
; CURRENT APPLICATION NUMBER: US/09/794,975
; CURRENT FILING DATE: 2001-02-27

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;  PRIOR APPLICATION NUMBER: US 09/455,367
;  PRIOR FILING DATE: 1999-12-03
;  PRIOR APPLICATION NUMBER: 19856261.6
;  PRIOR FILING DATE: 1998-12-07
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
;   LENGTH: 3354
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-794-975-10

  Query Match             100.0%;  Score 90;  DB 10;  Length 3354;
  Best Local Similarity   100.0%;  Pred. No. 1.9e-18;
  Matches   90;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         56 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 115

Qy         61 GCAGCGCACTCGGTGCCCCGCGCAGGGTCG 90
              ||||||||||||||||||||||||||||||
Db        116 GCAGCGCACTCGGTGCCCCGCGCAGGGTCG 145


RESULT 3
US-10-217-584-6
; Sequence 6, Application US/10217584
; Publication No. US20030077261A1
; GENERAL INFORMATION:
;  APPLICANT: Paris, Daniel
;  APPLICANT:  Mullan, Michael
;  TITLE OF INVENTION: Modulation of Angiogenesis by A-Beta Peptides
;  FILE REFERENCE: USF-T161XC1
;  CURRENT APPLICATION NUMBER: US/10/217,584
;  CURRENT FILING DATE:  2002-08-12
;  PRIOR APPLICATION NUMBER: 60/311,656
;  PRIOR FILING DATE: 2001-08-10
;  NUMBER OF SEQ ID NOS: 11
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
;   LENGTH: 3579
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (1)..(3579)
;   OTHER INFORMATION: nucleotide encoding Amyloid precursor protein
US-10-217-584-6

  Query Match             100.0%;  Score 90;  DB 9;  Length 3579;
  Best Local Similarity   100.0%;  Pred. No. 1.9e-18;
  Matches   90;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         56 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 115

Qy         61 GCAGCGCACTCGGTGCCCCGCGCAGGGTCG 90
              ||||||||||||||||||||||||||||||
Db        116 GCAGCGCACTCGGTGCCCCGCGCAGGGTCG 145


RESULT 4
US-10-198-846-13768
; Sequence 13768, Application US/10198846
; Publication No. US20030099974A1
; GENERAL INFORMATION:
;  APPLICANT: Lillie, James
;  APPLICANT:  Xu, Yongyao
;  APPLICANT:  Wang, Youzhen
;  APPLICANT:  Steinmann, Kathleen
;  TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS
;  TITLE OF INVENTION:  FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND
;  TITLE OF INVENTION:  THERAPY OF BREAST CANCER
;  FILE REFERENCE: MRI-049
;  CURRENT APPLICATION NUMBER: US/10/198,846
;  CURRENT FILING DATE:  2002-07-18
;  PRIOR APPLICATION NUMBER: 60/306,220
;  PRIOR FILING DATE: 2001-07-18
;  NUMBER OF SEQ ID NOS: 14084
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 13768
;   LENGTH: 3641
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-198-846-13768

  Query Match             100.0%;  Score 90;  DB 9;  Length 3641;
  Best Local Similarity   100.0%;  Pred. No. 1.9e-18;
  Matches   90;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         80 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 139

Qy         61 GCAGCGCACTCGGTGCCCCGCGCAGGGTCG 90
              ||||||||||||||||||||||||||||||
Db        140 GCAGCGCACTCGGTGCCCCGCGCAGGGTCG 169


RESULT 5
US-10-044-090-219
; Sequence 219, Application US/10044090
; Patent No. US20020137081A1
; GENERAL INFORMATION:
;  APPLICANT: Olga Bandman
;  TITLE OF INVENTION: GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATIO
;  FILE REFERENCE: PA-0028 US
;  CURRENT APPLICATION NUMBER: US/10/044,090
;  CURRENT FILING DATE:  2002-01-09
;  NUMBER OF SEQ ID NOS: 850
;  SOFTWARE: PERL Program
; SEQ ID NO 219
;   LENGTH: 3435
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   OTHER INFORMATION: Incyte ID No. US20020137081A1 235164.22
US-10-044-090-219

  Query Match             85.6%;  Score 77;  DB 12;  Length 3435;
  Best Local Similarity   98.9%;  Pred. No. 1.4e-14;
  Matches   88;  Conservative    0;  Mismatches    0;  Indels    1;  Gaps    1;

Qy          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACT-CGCAC 59
              ||||||||||||||||||||||||||||||||||||||||||||||||||||| ||||| |
Db        135 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTGCGCAC 194

Qy         60 AGCAGCGCACTCGGTGCCCCGCGCAGGGT 88
              ||||||||||||||||||||||||||||||
Db        195 AGCAGCGCACTCGGTGCCCCGCGCAGGGT 223


RESULT 6
US-10-175-523-116
; Sequence 116, Application US/10175523
; Publication No. US20030096264A1
; GENERAL INFORMATION:
;  APPLICANT: Brockman, Jeffrey
;  APPLICANT:  Evans, David
;  APPLICANT:  Hook, Derek
;  APPLICANT:  Klimczak, Leszek
;  APPLICANT:  Laeng, Pascal
;  APPLICANT:  Palfreyman, Michael
```

```
;  APPLICANT:  Rajan, Prithi
;  TITLE OF INVENTION: MULTI-PARAMETER HIGH THROUGHPUT SCREENING ASSAYS (MPHTS)
;  FILE REFERENCE: 3235/1J795-US3
;  CURRENT APPLICATION NUMBER: US/10/175,523
;  CURRENT FILING DATE:  2002-06-18
;  PRIOR APPLICATION NUMBER: US 60/299,151
;  PRIOR FILING DATE: 2001-06-18
;  PRIOR APPLICATION NUMBER: US 60/317,828
;  PRIOR FILING DATE: 2001-09-07
;  PRIOR APPLICATION NUMBER: US 60/325,150
;  PRIOR FILING DATE: 2001-09-25
;  PRIOR APPLICATION NUMBER: US 60/333,047
;  PRIOR FILING DATE: 2001-11-14
;  PRIOR APPLICATION NUMBER: US 60/349,936
;  PRIOR FILING DATE: 2002-01-18
;  PRIOR APPLICATION NUMBER: US 60/361,834
;  PRIOR FILING DATE: 2002-03-04
;  NUMBER OF SEQ ID NOS: 197
;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 116
;   LENGTH: 2520
;   TYPE: DNA
;   ORGANISM: Mus musculus
US-10-175-523-116

  Query Match             46.9%;  Score 42.2;  DB 9;  Length 2520;
  Best Local Similarity   77.1%;  Pred. No. 0.00031;
  Matches   64;  Conservative    0;  Mismatches   18;  Indels    1;  Gaps    1;

Qy          8 GGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACAG-CAGCG 66
              | |||||| |||||||||| || ||| ||| ||||||||||    | | | ||  | | |
Db         53 GACGGCGGCGGCGGCGCGGACACAGCCAGGGCGCGGCGGATCTTCCACTCGCACACGGAG 112

Qy         67 CACTCGGTGCCCCGCGCAGGGTC 89
              ||||||||| ||| ||||||
Db        113 CACTCGGTGGCCCACGCAGGATC 135


RESULT 7
US-09-422-569-5
; Sequence 5, Application US/09422569
; Publication No. US20030023997A1
; GENERAL INFORMATION:
;  APPLICANT: PERAUS, Gisela
;  APPLICANT: HOPPE, Edmund
;  APPLICANT: BAUMEISTER, Ralf
;  TITLE OF INVENTION: TRANSGENIC C. ELEGANS AS A MODEL ORGANISM FOR
;  TITLE OF INVENTION: INVESTIGATIONS ON ALZHEIMER'S DISEASE
;  FILE REFERENCE: 514429-3770
;  CURRENT APPLICATION NUMBER: US/09/422,569
;  CURRENT FILING DATE: 1999-10-21
;  EARLIER APPLICATION NUMBER: 19849073.6
;  EARLIER FILING DATE: 1998-10-24
;  NUMBER OF SEQ ID NOS: 11
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
;   LENGTH: 495
;   TYPE: DNA
;   ORGANISM: Caenorhabditis elegans
US-09-422-569-5

  Query Match             38.0%;  Score 34.2;  DB 9;  Length 495;
  Best Local Similarity   92.3%;  Pred. No. 0.098;
  Matches   36;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy         52 ACTCGCACAGCAGCGCACTCGGTGCCCCGCGCAGGGTCG 90
              ||   ||||||||||||||||||||||||||||||||||
Db        103 ACCTTCACAGCAGCGCACTCGGTGCCCCGCGCAGGGTCG 141


RESULT 8
US-09-422-569-7
; Sequence 7, Application US/09422569
; Publication No. US20030023997A1
; GENERAL INFORMATION:
;  APPLICANT: PERAUS, Gisela
;  APPLICANT: HOPPE, Edmund
;  APPLICANT: BAUMEISTER, Ralf
;  TITLE OF INVENTION: TRANSGENIC C. ELEGANS AS A MODEL ORGANISM FOR
;  TITLE OF INVENTION: INVESTIGATIONS ON ALZHEIMER'S DISEASE
;  FILE REFERENCE: 514429-3770
;  CURRENT APPLICATION NUMBER: US/09/422,569
;  CURRENT FILING DATE: 1999-10-21
;  EARLIER APPLICATION NUMBER: 19849073.6
;  EARLIER FILING DATE: 1998-10-24
;  NUMBER OF SEQ ID NOS: 11
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
;   LENGTH: 1773
;   TYPE: DNA
;   ORGANISM: Caenorhabditis elegans
US-09-422-569-7

  Query Match             38.0%;  Score 34.2;  DB 9;  Length 1773;
  Best Local Similarity   92.3%;  Pred. No. 0.077;
  Matches   36;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy         52 ACTCGCACAGCAGCGCACTCGGTGCCCCGCGCAGGGTCG 90
              ||   ||||||||||||||||||||||||||||||||||
Db       1379 ACCTTCACAGCAGCGCACTCGGTGCCCCGCGCAGGGTCG 1417


RESULT 9
US-09-422-569-11
; Sequence 11, Application US/09422569
; Publication No. US20030023997A1
; GENERAL INFORMATION:
;  APPLICANT: PERAUS, Gisela
;  APPLICANT: HOPPE, Edmund
;  APPLICANT: BAUMEISTER, Ralf
;  TITLE OF INVENTION: TRANSGENIC C. ELEGANS AS A MODEL ORGANISM FOR
;  TITLE OF INVENTION: INVESTIGATIONS ON ALZHEIMER'S DISEASE
;  FILE REFERENCE: 514429-3770
;  CURRENT APPLICATION NUMBER: US/09/422,569
;  CURRENT FILING DATE: 1999-10-21
;  EARLIER APPLICATION NUMBER: 19849073.6
;  EARLIER FILING DATE: 1998-10-24
;  NUMBER OF SEQ ID NOS: 11
;  SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
;   LENGTH: 5109
;   TYPE: DNA
;   ORGANISM: Caenorhabditis elegans
US-09-422-569-11

  Query Match             38.0%;  Score 34.2;  DB 9;  Length 5109;
  Best Local Similarity   92.3%;  Pred. No. 0.064;
  Matches   36;  Conservative    0;  Mismatches    3;  Indels    0;  Gaps    0;

Qy         52 ACTCGCACAGCAGCGCACTCGGTGCCCCGCGCAGGGTCG 90
              ||   ||||||||||||||||||||||||||||||||||
Db       1396 ACCTTCACAGCAGCGCACTCGGTGCCCCGCGCAGGGTCG 1434


RESULT 10
US-10-156-761-7327/c
; Sequence 7327, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
;  APPLICANT: OMURA, SATOSHI
;  APPLICANT:  IKEDA, HARUO
;  APPLICANT:  ISHIKAWA, JUN
;  APPLICANT:  HORIKAWA, HIROSHI
;  APPLICANT:  SHIBA, TADAYOSHI
;  APPLICANT:  SAKAKI, YOSHIYUKI
;  APPLICANT:  HATTORI, MASAHIRA
```

```
;  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;  FILE REFERENCE: 249-262
;  CURRENT APPLICATION NUMBER: US/10/156,761
;  CURRENT FILING DATE:  2002-05-29
;  PRIOR APPLICATION NUMBER: JP 2001-204089
;  PRIOR FILING DATE: 2001-05-30
;  PRIOR APPLICATION NUMBER: JP 2001-272697
;  PRIOR FILING DATE: 2001-08-02
;  NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 7327
;   LENGTH: 1431
;   TYPE: DNA
;   ORGANISM: Streptomyces avermitilis
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (1)..(1431)
US-10-156-761-7327

  Query Match             33.8%;  Score 30.4;  DB 9;  Length 1431;
  Best Local Similarity   61.2%;  Pred. No. 1.1;
  Matches   49;  Conservative    0;  Mismatches   31;  Indels    0;  Gaps    0;

Qy          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 60
              ||| |||||| |||  | |||||  ||| | |   |  | |   |||||| | ||   ||
Db       1087 GGGGGACGGCCGCGTGGTCGGCGGTGGCGGCGTGGGCGCCCCAGGGATCCGATTCCAGCA 1028

Qy         61 GCAGCGCACTCGGTGCCCCG 80
              |  || | | ||  |||| |
Db       1027 GGGGCACGCCCGAGGCCCGG 1008


RESULT 11
US-10-156-761-1/c
; Sequence 1, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
;  APPLICANT: OMURA, SATOSHI
;  APPLICANT:  IKEDA, HARUO
;  APPLICANT:  ISHIKAWA, JUN
;  APPLICANT:  HORIKAWA, HIROSHI
;  APPLICANT:  SHIBA, TADAYOSHI
;  APPLICANT:  SAKAKI, YOSHIYUKI
;  APPLICANT:  HATTORI, MASAHIRA
;  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;  FILE REFERENCE: 249-262
;  CURRENT APPLICATION NUMBER: US/10/156,761
;  CURRENT FILING DATE:  2002-05-29
;  PRIOR APPLICATION NUMBER: JP 2001-204089
;  PRIOR FILING DATE: 2001-05-30
;  PRIOR APPLICATION NUMBER: JP 2001-272697
;  PRIOR FILING DATE: 2001-08-02
;  NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 1
;   LENGTH: 9025608
;   TYPE: DNA
;   ORGANISM: Streptomyces avermitilis
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (4187715)
;   OTHER INFORMATION: a, t, c, g, other or unknown
US-10-156-761-1

  Query Match             33.8%;  Score 30.4;  DB 9;  Length 9025608;
  Best Local Similarity   61.2%;  Pred. No. 0.22;
  Matches   49;  Conservative    0;  Mismatches   31;  Indels    0;  Gaps    0;

Qy          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 60
              ||| |||||| |||  | |||||  ||| | |   |  | |   |||||| | ||   ||
Db    8765524 GGGGGACGGCCGCGTGGTCGGCGGTGGCGGCGTGGGCGCCCCAGGGATCCGATTCCAGCA 8765465

Qy         61 GCAGCGCACTCGGTGCCCCG 80
              |  || | | ||  |||| |
Db    8765464 GGGGCACGCCCGAGGCCCGG 8765445


RESULT 12
US-10-156-761-6038
; Sequence 6038, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
;  APPLICANT: OMURA, SATOSHI
;  APPLICANT:  IKEDA, HARUO
;  APPLICANT:  ISHIKAWA, JUN
;  APPLICANT:  HORIKAWA, HIROSHI
;  APPLICANT:  SHIBA, TADAYOSHI
;  APPLICANT:  SAKAKI, YOSHIYUKI
;  APPLICANT:  HATTORI, MASAHIRA
;  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;  FILE REFERENCE: 249-262
;  CURRENT APPLICATION NUMBER: US/10/156,761
;  CURRENT FILING DATE:  2002-05-29
;  PRIOR APPLICATION NUMBER: JP 2001-204089
;  PRIOR FILING DATE: 2001-05-30
;  PRIOR APPLICATION NUMBER: JP 2001-272697
;  PRIOR FILING DATE: 2001-08-02
;  NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 6038
;   LENGTH: 1347
;   TYPE: DNA
;   ORGANISM: Streptomyces avermitilis
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (1)..(1347)
US-10-156-761-6038

  Query Match             33.6%;  Score 30.2;  DB 9;  Length 1347;
  Best Local Similarity   60.2%;  Pred. No. 1.3;
  Matches   50;  Conservative    0;  Mismatches   33;  Indels    0;  Gaps    0;

Qy          5 GACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACAGCAG 64
              | ||||    |  ||||| ||| ||| | |||  ||   |||  |||  ||||  || |
Db        686 GGCGGCTCAAGGCGCGGCTCGGTGAGACCGAGGCGGCCCTGGAGGCCAGCCGCAAGGCCG 745

Qy         65 CGCACTCGGTGCCCCGCGCAGGG 87
              ||| |  || || | |||  | |
Db        746 CGCGCGAGGGGCGCAGCGTCGAG 768


RESULT 13
US-10-156-761-1
; Sequence 1, Application US/10156761
; Publication No. US20030119018A1
; GENERAL INFORMATION:
;  APPLICANT: OMURA, SATOSHI
;  APPLICANT:  IKEDA, HARUO
;  APPLICANT:  ISHIKAWA, JUN
;  APPLICANT:  HORIKAWA, HIROSHI
;  APPLICANT:  SHIBA, TADAYOSHI
;  APPLICANT:  SAKAKI, YOSHIYUKI
;  APPLICANT:  HATTORI, MASAHIRA
;  TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
;  FILE REFERENCE: 249-262
;  CURRENT APPLICATION NUMBER: US/10/156,761
;  CURRENT FILING DATE:  2002-05-29
;  PRIOR APPLICATION NUMBER: JP 2001-204089
;  PRIOR FILING DATE: 2001-05-30
;  PRIOR APPLICATION NUMBER: JP 2001-272697
;  PRIOR FILING DATE: 2001-08-02
;  NUMBER OF SEQ ID NOS: 15109
; SEQ ID NO 1
;   LENGTH: 9025608
;   TYPE: DNA
;   ORGANISM: Streptomyces avermitilis
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (4187715)
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;   OTHER INFORMATION: a, t, c, g, other or unknown
US-10-156-761-1

  Query Match             33.6%;  Score 30.2;  DB 9;  Length 9025608;
  Best Local Similarity   60.2%;  Pred. No. 0.25;
  Matches   50;  Conservative    0;  Mismatches   33;  Indels    0;  Gaps    0;

Qy          5 GACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACAGCAG 64
              | ||||    |  ||||| ||| ||| | |||  ||   ||| ||| |||| || |
Db    7295035 GGCGGCTCAAGGCGCGGCTCGGTGAGACCGAGGCGGCCCTGGAGGCCAGCCGCAAGGCCG 7295094

Qy         65 CGCACTCGGTGCCCCGCGCAGGG 87
              ||| |  || || | |||  | |
Db    7295095 CGCGCGAGGGGCGCAGCGTCGAG 7295117


RESULT 14
US-10-115-178-2/c
; Sequence 2, Application US/10115178
; Patent No. US20020119135A1
;   GENERAL INFORMATION:
;        APPLICANT: Davis, Roger J.
;                   Dickens, Martin
;        TITLE OF INVENTION: INHIBITORS OF THE JNK SIGNAL
;                            TRANSDUCTION PATHWAY AND METHODS OF USE
;        NUMBER OF SEQUENCES: 30
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Fish & Richardson, P.C.
;             STREET: 225 Franklin Street
;             CITY: Boston
;             STATE: MA
;             COUNTRY: US
;             ZIP: 02110-2804
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: Diskette
;             COMPUTER: IBM Compatible
;             OPERATING SYSTEM: Windows95
;             SOFTWARE: FastSEQ for Windows Version 2.0
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/10/115,178
;             FILING DATE: 02-Apr-2002
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/08/819,177
;             FILING DATE: <Unknown>
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Fasse, J. Peter
;             REGISTRATION NUMBER: 32,983
;             REFERENCE/DOCKET NUMBER: 07917/037001
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 617-542-5070
;             TELEFAX: 617-542-8906
;   INFORMATION FOR SEQ ID NO: 2:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 2832 base pairs
;             TYPE: nucleic acid
;             STRANDEDNESS: double
;             TOPOLOGY: linear
;        MOLECULE TYPE: cDNA
;        FEATURE:
;             NAME/KEY:  Coding Sequence
;             LOCATION:  180...2159
;             OTHER INFORMATION:  JIP-1 cDNA
;        SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-115-178-2

  Query Match             33.3%;  Score 30;  DB 12;  Length 2832;
  Best Local Similarity   59.3%;  Pred. No. 1.3;
  Matches   51;  Conservative    0;  Mismatches   35;  Indels    0;  Gaps    0;

Qy          2 GGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACAG 61
              || | ||||||||| |||||||   |||| | | |  || || |||  || |   | | |
Db        135 GGCGGCGGCGGCGGCGGCGGCAGCAGCGGAGGCGCGTGGAGGAGGCCGCCGCCGCCG 76

Qy         62 CAGCGCACTCGGTGCCCCGCGCAGGG 87
              | | |  |    ||  | | |  |||
Db         75 CGGGGTTCGGACTGAGCTGGGGCGGG 50


RESULT 15
US-10-037-270-463/c
; Sequence 463, Application US/10037270
; Publication No. US20030104529A1
; GENERAL INFORMATION:
;  APPLICANT: Tang, Y. Tom
;  APPLICANT:  Liu, Chenghua
;  APPLICANT:  Asundi, Vinod
;  APPLICANT:  Zhang, Jie
;  APPLICANT:  Ren, Feiyan
;  APPLICANT:  Chen, Rui-hong
;  APPLICANT:  Zhao, Qing A.
;  APPLICANT:  Wehrman, Tom
;  APPLICANT:  Xue, Aidong J.
;  APPLICANT:  Yang, Yonghong
;  APPLICANT:  Wang, Jian-Rui
;  APPLICANT:  Zhou, Ping
;  APPLICANT:  Ma, Yunqing
;  APPLICANT:  Wang, Dunrui
;  APPLICANT:  Wang, Zhiwei
;  APPLICANT:  Tillinghast, John
;  APPLICANT:  Drmanac, Radoje T.
;  TITLE OF INVENTION: No. US20030104529A1el Nucleic Acids and
;  TITLE OF INVENTION:  Polypeptides
;  FILE REFERENCE: 784CIP2B
;  CURRENT APPLICATION NUMBER: US/10/037,270
;  CURRENT FILING DATE:  2002-01-04
;  PRIOR APPLICATION NUMBER: 09/552,317
;  PRIOR FILING DATE: 2000-04-25
;  PRIOR APPLICATION NUMBER: 09/488,725
;  PRIOR FILING DATE: 2000-01-21
;  NUMBER OF SEQ ID NOS: 1104
;  SOFTWARE: pt_FL_genes Version 1.0
; SEQ ID NO 463
;   LENGTH: 2853
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: CDS
;   LOCATION: (273)..(2648)
US-10-037-270-463

  Query Match             33.1%;  Score 29.8;  DB 9;  Length 2853;
  Best Local Similarity   60.5%;  Pred. No. 1.4;
  Matches   49;  Conservative    0;  Mismatches   32;  Indels    0;  Gaps    0;

Qy          1 GGGAGACGGCGGCGGTGGCGGCGCGGGCAGAGCAAGGACGCGGCGGATCCCACTCGCACA 60
              |||| ||||| | || |||| | |||| | ||  |  | ||  || ||||   ||| |
Db        229 GGGACACGGCCGGGGCGGCGCTGAGGGCCGGGCCCGCTCCCGAGGGCTCCCCTGCGCCCT 170

Qy         61 GCAGCGCACTCGGTGCCCCGC 81
              |   |||||    |   ||||
Db        169 GGGCCGCACCTCCTCTTCCGC 149


Search completed: July 12, 2003, 22:52:19
Job time : 153 secs
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